



## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

## In Re Application of:

John C. Calhoon

Confirmation No.:

Application No.: 10/729,691

Group Art Unit: Not Yet Assigned

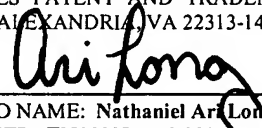
Filing Date: December 5, 2003

Examiner: Not Yet Assigned

For: APPARATUS AND METHOD FOR HEATING FUEL CELLS

DATE OF DEPOSIT: JANUARY 12, 2004

I HEREBY CERTIFY THAT THIS PAPER IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE AS FIRST CLASS MAIL, POSTAGE PREPAID, ON THE DATE INDICATED ABOVE AND IS ADDRESSED TO THE UNITED STATES PATENT AND TRADEMARK OFFICE, P.O. BOX 1450, ALEXANDRIA, VA 22313-1450.

  
TYPED NAME: Nathaniel Ar Long  
REGISTRATION NO.: 53,233

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

## INFORMATION DISCLOSURE STATEMENT

Pursuant to 37 CFR § 1.56 and in accordance with 37 CFR §§ 1.97-1.98, information relating to the above-identified application is hereby disclosed. Inclusion of information in this statement is not to be construed as an admission that this information is material as that term is defined in 37 CFR § 1.56(b).

- ☒ In accordance with § 1.97(b), since this Information Disclosure Statement is being filed either within three months of the filing date of the above-identified application, within three months of the date of entry into the national stage of the

above identified application as set forth in § 1.491, before the mailing date of a first Office Action on the merits of the above-identified application, or before the mailing date of a first Office Action after the filing of request for continued examination under § 1.114, no additional fee is required.

- ☐ In accordance with § 1.129(a), this Information Disclosure Statement is being filed in connection with ☐ the first or ☐ second After Final Submission, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(c), this Information Disclosure Statement is being filed after the period set forth in § 1.97(b) above but before the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311, or before an action that otherwise closes prosecution in the application, therefore:

☐ Certification in Accordance with § 1.97(e) is attached; or

☐ The fee of \$180.00 as set forth in § 1.17(p) is attached.

- ☐ In accordance with § 1.97(d), this Information Disclosure Statement is being filed after the mailing date of either a Final Action under § 1.113 or a Notice of Allowance under § 1.311 but before, or simultaneously with, the payment of the Issue Fee, therefore included are: Certification in Accordance with § 1.97(e); and the submission fee of \$180.00 as set forth in § 1.17(p).

- ☒ Copies of each of the references listed on the attached Form PTO-1449 are enclosed herewith.
- ☐ Copies of references listed on the attached Form PTO-1449 are enclosed herewith
- ☐ Copies of references listed on the attached Form PTO 1449 are not required to be submitted pursuant to the June 30, 2003 recent revisions to 37 CFR § 1.98(a)(2)(i).

## EXCEPT THAT:

- ☐ In view of the voluminous nature of references [list as appropriate], and the likelihood that these references are available to the Examiner, copies are not enclosed herewith.
- ☐ In accordance with § 1.98(d), copies of the following references listed on the attached Form PTO-1449 are not enclosed herewith because they were previously cited by or submitted to the U.S. Patent and Trademark Office in patent application(s) for which a claim for priority under 35 U.S.C. § 120 have been made in the instant application:
- ☐ Copies of references [list as appropriate] listed on the attached Form PTO-1449 were previously cited by or submitted to the Patent and Trademark Office in prior Application No. , filed

Please charge any deficiency or credit any overpayment to Deposit Account No. 23-3050.

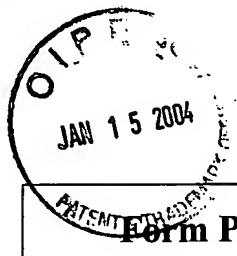
This form is submitted in duplicate.

English language abstracts have been provided for reference(s) 3,4,5,8 which are not in the English language.

Date: January 12, 2004

  
\_\_\_\_\_  
Nathaniel Ari Long  
Registration No. 53,233

WOODCOCK WASHBURN LLP  
One Liberty Place - 46th Floor  
Philadelphia, PA 19103  
Telephone: (215) 568-3100  
Facsimile: (215) 568-3439



|   |   |   |
|---|---|---|
| <b>Form PTO-1449 Modified</b><br><br>List of Patent and Publications<br>Cited by Applicant<br>(Use several sheets if necessary)<br><br>U.S. Department of Commerce<br>Patent and Trademark Office | Docket No.<br><b>MSFT-2771/305126.1</b>     | Application No.<br><b>10/729,691</b>  |
|   | Applicant: <b>John C. Calhoon</b>           |   |
|   | Filing Date<br><b>December 5, 2003</b>      | Group<br><b>Not Yet Assigned</b>  |
|   | Confirmation No.<br><b>Not Yet Assigned</b> |   |
| <b>OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)</b>   |   |   |
|   | <b>1</b>                                    | Cabrera, A.L.; Kirner, J.F.; "A Rapid-Temperature-Cycling Apparatus for Oxidation Testing;" <i>Oxidation of Metals</i> ; <b>1991</b> ; 35(5/6),471-479.   |
|   | <b>2</b>                                    | Virkar, Anil V., et al., "The Role Of Electrode Microstructure On Activation And Concentration Polarizations In Solid Oxide Fuel Cells;" <i>Solid State Ionics</i> ; <b>2000</b> , 131(1-2),189-198   |
|   | <b>3</b>                                    | Jimenez, R., et al., "Internal Diffusion Electrode-Electrolyte Contact Shape And Microstructure Effect On Solid Oxide Fuel Cells (SOFC) Oxygen Reaction;" <i>Boletin De La Sociedad Espanola De Ceramica Y Vidrio</i> ; Sociedad Espanola Ceramica Vidrio, <b>1999</b> ; 38(6),625-629 ( <b>English abstract attached</b> ) |
|   | <b>4</b>                                    | Tanaka, Kanako, "Study On High Efficiency Operation-Conditions of Solid Oxide Fuel Cell and Its System Evaluation;" <i>Kagaku Kogaku Ronbunshu</i> ; <b>1998</b> ; 24(4),597-602 ( <b>English abstract attached</b> )   |
|   | <b>5</b>                                    | Sakakaki, Keiji, et al., "Generation Efficiency of Solid Oxide Fuel Cell System With Fuel Recycling;" <i>Kagaku Kogaku Ronbunshu</i> , <b>1997</b> , 23(2),292-295 ( <b>English abstract attached</b> )   |
|   | <b>6</b>                                    | Dollard, W.J.; "Solid Oxide Fuel Cell Developments at Westinghouse;" <i>Journal of Power Sources</i> ; Elsevier Sequoia, Switzerland, <b>1992</b> , 37(1-2),133-139   |
|   | <b>7</b>                                    | Best, F.G., "Miniature Combined Heat and Power System;" <i>Renewable Energy</i> ; <b>1995</b> , 6(1),49-51  |
|   | <b>8</b>                                    | Van Der Klein, C.A.M.; "The Fuel Cell: Developments and Perspectives;" <i>Energiespectrum Maart</i> ; <b>1990</b> , 14(3), 77-82 ( <b>English abstract attached</b> )   |
|   | <b>9</b>                                    | Jensen, J.; "The Need for Battery and Fuel Cell RAD;" <i>Energy Conservation by Energy Storage: Advanced Batteries and Fuel Cells – Proceedings of the Third Contractors Meeting</i> , Comm. European Communities, Luxembourg, <b>1983</b> , 166-172  |
|   | <b>10</b>                                   | Fuel Cells, "A Basic Overview of Fuel Cell Technology",<br><a href="http://fuelcells.si.edu/basics.htm">http://fuelcells.si.edu/basics.htm</a> , 6 pages  |
|   | <b>11</b>                                   | Alberta Research Council, "Micro Solid Oxide Fuel Cell ( $\mu$ SOFC),<br><a href="http://www.arc.ab.ca/manu/micro_sofc.asp">http://www.arc.ab.ca/manu/micro_sofc.asp</a> , 3 pages  |
| <b>EXAMINER</b>   |   | <b>DATE CONSIDERED</b>  |